

Device for transmitting heat or cold to a carrier flowing through the device

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Abstract of DE3113641

The invention relates to a device for transmitting heat or cold to a carrier flowing through the device, preferably for use as ceiling, floor and/or wall heating, which has a large number of longitudinal channels. The aim of the invention is to provide a device of the abovementioned type, which makes possible in a simple manner an installation for the purpose of heating or cooling rooms, without structural changes or additional construction having to be carried out on the existing ceiling or wall construction. This is achieved in that the device consists of a rollable, thin-walled web (1), the longitudinal channels (2) of which are connected to transverse channels which are present in edge profiles (7) fastened in a tight manner on the transverse sides of the web (1), the longitudinal and transverse channels (2) being dimensioned in such a manner that a uniform flowthrough with a specific liquid volume of less than 1 l/m² takes place. Over the length of the web (1), one or more transverse channels (3) interrupting the longitudinal channels (2) are provided. On the longitudinal sides of the web (1), there are projections (4, 5), the heights of which correspond to approximately half the height of the web (1) and are arranged offset in height by this dimension in relation to one another.

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